Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086043.D
Acq On : 4 Apr 2016 17:35
Operator : UM/SJ
Sample : H2180-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-1-20160401MS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:04 PM

Quant Time: Apr 05 11:17:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122280	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	466689	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	195520	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	308132	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	206222	20.00	ng		-0.01
86) Perylene-d12	15.32	264	181889	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	946041	132.24	ng		0.00
7) Phenol-d6	6.42	99	1163909	128.09	ng		0.00
23) Nitrobenzene-d5	7.33	82	724712	91.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	218667	119.16	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1109362	94.34	ng		-0.01
78) Terphenyl-d14	12.86	244	766327	87.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	128365	37.85	ng		99
3) Pyridine	3.05	79	361947	47.67	ng		99
4) n-Nitrosodimethylamine	3.00	42	150629	45.11	ng		99
6) Aniline	6.45	93	63037m	5.29	ng		
8) 2-Chlorophenol	6.56	128	347739	40.76	ng		96
9) Benzaldehyde	6.30	77	150111	30.70	ng		91
10) Phenol	6.43	94	397323	38.33	ng		100
11) bis(2-Chloroethyl)ether	6.50	93	508196m	61.91	ng		
12) 1,3-Dichlorobenzene	6.70	146	375074m	41.48	ng		
13) 1,4-Dichlorobenzene	6.78	146	375802m	40.34	ng		
14) 1,2-Dichlorobenzene	6.93	146	348974	40.70	ng		98
15) Benzyl Alcohol	6.92	79	261633	44.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	377725	37.67	ng		65
17) 2-Methylphenol	7.04	107	282104	41.94	ng		96
18) Hexachloroethane	7.28	117	130282	38.02	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	227839	40.45	ng	#	91
20) 3+4-Methylphenols	7.20	107	352079	43.04	ng	#	61
22) Acetophenone	7.18	105	486244	44.32	ng	#	90
24) Nitrobenzene	7.36	77	384083	44.36	ng		94
25) Isophorone	7.60	82	665783	42.62	ng		95
26) 2-Nitrophenol	7.68	139	180684	43.62	ng	#	89
27) 2,4-Dimethylphenol	7.72	122	312829	42.05	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	387654	42.29	ng		98
29) 2,4-Dichlorophenol	7.92	162	277417	44.11	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	297090	42.08	ng		96
31) Naphthalene	8.08	128	970514	41.34	ng		99
32) Benzoic acid	7.81	122	14083	2.58	ng		97
33) 4-Chloroaniline	8.14	127	152764	16.11	ng	#	96
34) Hexachlorobutadiene	8.19	225	155773	41.04	ng		99
35) Caprolactam	8.51	113	84909	42.55	ng	#	84
36) 4-Chloro-3-methylphenol	8.62	107	296994	42.00	ng		95
37) 2-Methylnaphthalene	8.76	142	620556	40.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252492	42.97	ng		99
40) Hexachlorocyclopentadiene	8.91	237	60960	37.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	175773	46.58	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	180640	47.15	ng	#	90
45) 1,1'-Biphenyl	9.23	154	706194	41.89	ng		95
46) 2-Chloronaphthalene	9.25	162	546754	44.74	ng		97
47) 2-Nitroaniline	9.36	65	181585	50.78	ng		93
48) Acenaphthylene	9.66	152	842827	43.05	ng		100
49) Dimethylphthalate	9.53	163	732750	50.56	ng		100
50) 2,6-Dinitrotoluene	9.60	165	132112	43.09	ng		93
51) Acenaphthene	9.84	154	494904	42.51	ng		99
52) 3-Nitroaniline	9.77	138	115403	31.23	ng		94
53) 2,4-Dinitrophenol	9.88	184	20917	18.23	ng		94
54) Dibenzofuran	10.01	168	680365	44.25	ng		98
55) 4-Nitrophenol	9.94	139	167613	76.94	ng	#	80
56) 2,4-Dinitrotoluene	10.01	165	150261	38.78	ng	#	77
57) Fluorene	10.35	166	541631	41.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	126209	44.24	ng		97
59) Diethylphthalate	10.22	149	565723	38.68	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	238774	39.03	ng		98
61) 4-Nitroaniline	10.38	138	112176	30.82	ng		93
62) Azobenzene	10.50	77	604166	43.12	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	29205	15.64	ng	#	65
65) n-Nitrosodiphenylamine	10.46	169	479098	49.72	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	150554	47.86	ng		98
67) Hexachlorobenzene	10.90	284	148514	45.65	ng	#	93
68) Atrazine	10.99	200	129867	41.71	ng		95
69) Pentachlorophenol	11.09	266	130494	85.59	ng		98
70) Phenanthrene	11.31	178	805221	47.90	ng		99
71) Anthracene	11.36	178	722566	41.03	ng		99
72) Carbazole	11.52	167	572061	37.79	ng		98
73) Di-n-butylphthalate	11.85	149	792711	42.26	ng		100
74) Fluoranthene	12.50	202	844273	48.29	ng		92
77) Pyrene	12.73	202	822742	56.62	ng		100
79) Butylbenzylphthalate	13.35	149	308734	47.18	ng	#	82
80) Benzo(a)anthracene	13.92	228	606776	49.92	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	31429	3.54	ng	#	94
82) Chrysene	13.95	228	591820	50.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	523506	60.28	ng	#	93
84) Di-n-octyl phthalate	14.51	149	721787	52.04	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	449351	47.30	ng		99
87) Benzo(b)fluoranthene	14.93	252	648045m	56.64	ng		
88) Benzo(k)fluoranthene	14.96	252	431430m	42.58	ng		
89) Benzo(a)pyrene	15.27	252	488187	48.16	ng	#	96
90) Dibenzo(a,h)anthracene	16.68	278	351245	43.06	ng	#	95
91) Benzo(g,h,i)perylene	17.09	276	375338	47.55	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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